



JPW /

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Hull et al.

Serial No.: 10/804,278

For: SLOPE PREDICTIVE CONTROL AND DIGITAL PID CONTROL  
FOR A VARIABLE TEMPERATURE CONTROL SYSTEM

Filed: March 19, 2004

Examiner: Jiang, Chen Wen

Art Unit: 3744

Confirmation No.: 7443

Customer No.: 27,623

Attorney Docket No.: 0002799USQ

**Mail Stop Amendment  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Dear Sir:

**RESPONSE TRANSMITTAL**

We are enclosing a Response to Election/Restriction in response to the communication dated May 31, 2006 in the above-identified application.

Petition for extension of time pursuant to 37 C.F.R. §§ 1.136 and 1.137 is hereby made if, and to the extent, required. The fee for this extension of time is calculated to be \$120.00 to extend the time for filing this response until July 31, 2006.

The fee for any change in number of claims has been calculated as shown below.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment		Highest Number Previously Paid	Present Extra	Rate	
Total Claims	20	Minus	20	0	x \$50.00	\$0.00
Independent Claims	4	Minus	4	0	x \$200.00	\$0.00
MULTIPLE DEPENDENT CLAIM FEE				0 x \$360.00 =		
TOTAL FEE FOR CLAIM CHANGES				\$0.00		
1/2 FILING FEE FOR SMALL ENTITY				\$N/A		

The total fee for this amendment, including claim changes and any extension of time is calculated to be \$120.00.

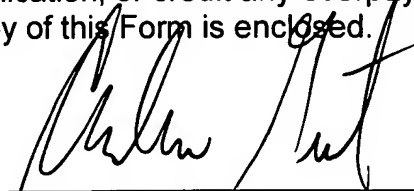
**XX** Change of Address.

       A check in the amount of \$ 0.00 is attached.

**X** The Commissioner is hereby authorized to charge \$120.00 and any additional fees under 37 C.F.R. §§1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 03-0835**. A duplicate copy of this Form is enclosed.

July 31, 2006

Date



Andrew C. Gust  
Attorney for Applicant(s)  
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**CERTIFICATE OF MAILING**

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON July 31, 2006.

Marilyn Alexander

NAME



SIGNATURE

7/31/06

DATE



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

(S): Hull et al.  
Serial No.: 10/804,278  
For: Slope predictive control and digital PID control for a variable temperature control system  
Filed: March 19, 2004  
Examiner: Jiang, Chen Wen  
Art Unit: 3744  
Confirmation No.: 7443  
USPTO Customer Number: 27623

Attorney Docket No.: 0002799USQ

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**LETTER TO THE DRAFTSMAN**

Dear Sir:

The undersigned is submitting corrections to the drawings to improve the quality of Figure 5.

Dated: 7/28/06

Respectfully submitted,

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Charles N.J. Ruggiero  
Registration No. 28,468  
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